

(d) what is the actual quantity of available water today?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRIMATI BIJOYA CHAKRAVARTY): (a) Yes, sir.

(b) Due to sustained diversion of Ganga Water into the Bhagirathi-Hooghly river round the year through the Feeder Canal, navigability of the Calcutta Port has been maintained as well as the salt intrusion into Hooghly river reduced.

(c) The Farakka Barrage Project was planned to divert a maximum of 1,134 cumec (40,000 cusec) of water through the Feeder Canal into Bhagirathi-Hooghly river. The actual quantum of water carried by the Feeder Canal would depend on the quantum of Ganga discharge at Farakka, which varies throughout the year.

(d) During the first 10 days of March, 2001, the average flow of Ganga at Farakka was 1820 cumec out of which 915 cumec was diverted into the Feeder Canal.

#### **Irrigation projects under construction**

†2692. SHRI RAJIV RANJAN SINGH 'LALAN':  
SHRI RAM JETHMALANI:

Will the Minister of WATER RESOURCES be pleased to state:

(a) whether irrigation projects are under construction in the country;

(b) if so, the total number of these projects alongwith the names and locations thereof; and

(c) the irrigation capacity and the total amount spent on construction of these projects?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRIMATI BIJOYA CHAKRAVARTY): (a) to (c) The details regarding major projects under construction in the country are given in the enclosed Statement.

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†Original notice of the question was received in Hindi.

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## RAJYA SABHA

## Statement

*Ongoing projects of IX Plan-Major Projects*

			Th. Hectares
Sl. No.	Name of Project	Expenditure Upto VIII Plan	Ultimate Potential
1	2	3	4
<b>Andhra Pradesh</b>			
1	Nagarjunasagar	850.77	895.00
2	Sriramsagar St-I (Pochampad)	1070.30	392.00
3	Vamasadhara St-I	68.69	20.13
4	Pulivendula Branch Canal	30.23	24.28
5	Somasila	205.20	38.48
6	Singur	149.30	16.00
7	Yeleru Reservoir	280.26	—
8	Srisailem Right Bank Canal	595.62	76.89
9	Srisailem Left Bank Canal	124.77	109.25
10	Teluguganga	1066.94	233.00
11	Jurala (Priyadarshini)	284.65	41.38
12	Vamsadhara St-II (Neradi Barrage)	10.28	23.11
TOTAL		4737.01	1870.12
<b>ASSAM</b>			
13	Dhansiri	113.58	83.37
14	Bordikarai	28.65	34.00
15	Integrated Kallong	31.48	34.40
16	Champamati	35.01	25.00
TOTAL		208.72	176.77
<b>Bihar</b>			
17	Western Kosi Canal	254.98	203.00
18	Bagmati Reservoir	36.54	101.60
19	Durgavati Reservoir	86.77	51.83
20	Barnar Reservoir	38.12	24.94
21	Bateswarasthan Pump Phase I	25.67	24.40
	Bansagar (Unit I only is approved)	57.96	—
22	Upper Kiul Res.	72.64	27.67
23	Gandak Ph. II	80.81	236.00
24	Kosi Eastern Canal Ph. II	76.44	—
TOTAL		729.93	669.44

1	2	3	4
<b>Jharkhand</b>			
25	Ajoy Barrage at	85.65	40.13
26	Subernarekha	767.06	288.10
27	Auranga Reservoir	21.24	55.40
28	Konar diversion	88.37	62.80
29	Tilaiya Diversion	28.01	48.60
30	North Koel Res.	417.45	53.06
31	Punasi Reservoir	42.86	24.00
TOTAL		1450.64	572.09
<b>Goa</b>			
32	Salauli	108.49	21.24
	Tillari	105.16	24.82
TOTAL		258.65	46.06
<b>Gujarat</b>			
33	Damanganga	198.18 UTS	51.65
34	Panam	91.56	43.68
35	Sabarmati Mahi Bajajsagar (Gujarat Share Cost)	121.45	62.39
36	Karjan	271.78	70.38
37	Sukhi	115.81	25.26
38	Sipu	102.80	22.08
39	Watrak	69.47	16.87
40	Sardar Sarovar (Narmada)	4036.35	1792.00
41	Jankhari	4.52	24.00
TOTAL		5011.92	2108.31
<b>Haryana</b>			
42	Gurgaon Canal	30.98	81.00
43	Jawahar Lal Nehru Lift	170.55	164.00

1	2	3	4
44	Sutluj-Yamuna Link Canal	487.96	446.00
45	Loharu (S)	39.00	82.00
46	Rewari Stage-II	0.06	19.14
	TOTAL	728.53	792.14
	<b>Himachal Pradesh</b>		
47	Shahanahar	7.03	24.76
	TOTAL	7.03	24.76
	<b>Jammu and Kashmir</b>		
48	Ravi Tawi Irrigation Canal	122.84	66.78
	TOTAL	122.84	66.78
	<b>Karnataka</b>		
49	Bhadra	138.39	105.57
50	Tungbhadra Dam under Left Bank Canal	205.28	244.38
51	Tungbhadra High K Level Canal	42.65	80.91
52	Kabini	301.66	81.90
53	Malaprabha	307.66	218.19
54	Harangi	230.00	53.54
55	Hemavati	1092.85	283.80
56	Upper Krishna St. I	2453.83	424.94
57	Karanja	162.72	35.64
58	Benithore	74.39	20.24
59	Hippargi Barrage Dudhganga	8.23	19.67
60	Upper Tunga	14.87	94.70
61	Varahi	15.34	15.70
62	Yagachi	77.81	21.45
	TOTAL	5147.69	1760.32
	<b>Kerala</b>		
63	Kanhirapuzha	78.99	21.85
64	Pazhassi	105.84	19.65
65	Kallada	518.62	92.80

1	2	3	4
66	Muvattupuzha	176.25	34.74
67	Idamalayar	51.82	29.04
68	Chaliyar (Beyporepuzha)	5.25	32.30
69	Kuriyarkutty (Karapara)	7.60	23.47
	<b>TOTAL</b>	<b>944.37</b>	<b>253.85</b>
	<b>Madhya Pradesh</b>		
70	Kolar	165.48	60.90
71	Sindh Phase-I		
	Rajghat	41.86	44.90
	Unit I	89.33	—
	Unit II	101.52	116.60
72	Bansagar		
	Unit I	89.33	—
	Unit II	130.19	249.00
73	Bargi (Rani Awanthibai Sagar)		
	Unit I	397.41*	219.80
	Unit II		
74	Upper Wainganga	161.67	105.30
75	Bariapur Left Bank Canal	51.53	43.80
76	Umul	16.39	7.70
77	Thanwar	22.66	18.20
78	Mahi	42.51	26.40
	Bawanthadi Unit I	23.63	29.40
	Unit-II		
79	Man	62.21	15.00
80	Jobat	26.57	9.85
81	Indira Sagar	229.73	123.00
82	Barna	27.95	60.50
83	Bhandar Canal	6.89	44.50
84	Sindh Phase-II	108.95	182.00

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1	2	3	4
85	Omkareshwar	5.49	283.32
86	Bargi Diversion	19.62	376.00
87	Pench Diversion	6.15	78.50
88	Mahan	33.49	19.70
	<b>TOTAL</b>	<b>2117.45</b>	<b>2094.87</b>
	<b>Chhattisgarh</b>		
89	Mahanadi Reservoir	397.27	304.20
90	Pairi	28.07	72.80
91	Jonk (Diversion)	30.81	14.50
92	Kodar	31.57	23.50
93	Hasdeo Bango	563.73	392.00
	<b>TOTAL</b>	<b>1051.45</b>	<b>807.00</b>
	<b>Maharashtra</b>		
94	Khadakwasla	210.23	62.15
95	Krishna	250.87	113.25
96	Bhima	541.00	162.50
97	Kukadi	448.90	156.27
98	Upper Godavari	93.18	67.29
99	Warna	255.30	113.92
100	Upper Tapi	96.30	55.14
102	Upper Wardha	385.79	80.25
103	Dudhganga	160.23	65.14
104	Waghur	27.15	23.58
105	Upper Pravara	39.20	66.90
106	Chaskaman	122.86	38.62
107	Nandur	43.26	43.86
	<b>Madhmeshwar (A)</b>		
	<b>Madhmeshwar (N)</b>	<b>40.63</b>	<b>1.72</b>
108	Bhatsa	170.99	42.55

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1	2	3	4
109	Jayakwadi Stage-I	650.25	141.64
	Stage-II		135.57
110	Surya	166.65	27.19
111	Bawanthadi	40.16	25.31
112	Isthapuri	126.87	33.73
	(Vishnupuri)		
113	Tillari	194.76	7.01
114	Lendi	16.45	19.58
115	Lower Thirna Flow	102.76	20.26
	Lower Thirna Lift	63.84	
116	Ghosi Khurd	186.25	190.00
	(Sawargaon)		
117	Lower Wardha	8.99	52.98
118	Lower Wunna	189.68	20.78
119	Wan	87.72	17.56
120	Arunavati	128.63	30.87
121	Tultuli	3.94	30.39
122	Kadwa	50.91	10.32
123	Talamba	9.94	16.75
124	Punad	9.47	16.86
125	Human	9.02	36.22
126	Neera Deoghar	12.87	31.12
127	Bembla	25.71	47.00
128	Bhama Askheda	34.47	23.11
129	Urmodi	158.65	43.90
130	Gunjawani	2.42	15.00
131	Janai Shirsai LIS	39.42	12.00
132	Khadak/Purna	6.15	18.00
133	Krishna Koyna LIS	230.03	36.31

1	2	3	4
134	Lower Dudhna	22.31	29.80
135	Lower Penganga	0.12	135.57
136	Sina Kegegaon	18.00	13.26
137	Sina Madha LIS	6.38	19.57
	<b>TOTAL</b>	<b>5916</b>	<b>2462</b>
	<b>Manipur</b>		
138	Thoubal	128.44	33.40
139	Khuga	85.98	14.75
	<b>Total</b>	<b>214.42</b>	<b>48.15</b>
	<b>Meghalaya</b>		
	<b>Mizoram</b>		
	<b>Nagaland</b>		
	<b>Orissa</b>		
140	Potteru	129.44	109.88
141	Rengall		
	(a) Dam	41.01	—
	(b) Irrigation	221.07	423.60
142	Upper Kolab		
	(a) Dam	52.82	—
	(b) Irrigation	182.06	88.76
	(b) Irrigation	217.71	218.60
143	Upper Indrayati		
	(a) Dam	125.40	—
	(b) Irrigation	217.71	218.60
	Subernarekha	309.99	190.38
144	Kanpur	14.87	41.40
	Irrigation		
145	Mahanadi	31.99	34.88
	Chitrotpola		
	<b>TOTAL</b>	<b>1326.36</b>	<b>1107.48</b>



1	2	3	4
	<b>Punjab</b>		
	Sutluj Yamuna		
	Link Canal		
	(a) Carrier Canal	465.19	
	(b) Providing	51.96	130.00
	Irrigation		
	Facilities to		
	Punjab Areas		
	<b>TOTAL</b>	<b>517.15</b>	<b>130.00</b>
	<b>Rajasthan</b>		
146	Jakhm	96.77	23.50
	Gurgaon Canal	23.30	28.20
147	Mahi Bajaj Sagar	373.43	123.50
148	Som Kamla Amba	160.52	18.79
149	Indira Gandhi	1230.65	964.00
	Nahar Stage II		
	Narmada	89.35	73.00
	(Sardar Sarovar)		
150	Bisalpur	87.22	76.70
151	Sidhmukh Nahar	133.53	67.36
	<b>TOTAL</b>	<b>2194.77</b>	<b>1375.21</b>
	<b>SIKKIM</b>		
	<b>TAMILNADU</b>		
	<b>TRIPURA</b>		
	<b>UTTAR PRADESH</b>		
152	Sarda Sahayak	980.43	1582.00
153	Lakhwar Vyasi		
	(a) Dam		
	Uttar Pradesh	161.24	

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1	2	3	4
	Share		
	(b) Water		40.00
	Utilisation		
154	Madhya Ganga Canal St-I	448.40	178.00
155	Sarju Nahar (Left Bank Ghagra Canal)	517.70	1404.00
156	Eastern Ganga Canal	246.61	105.00
157	Rajghat		
	(a) Dam	133.08	109.05
	(b) Canal	101.39	
158	Sone Pump Canal	46.56	65.06
159	Kanhar Irrigation	40.36	33.13
160	Bewar Feeder	47.90	9.80
161	Maudaha dam	108.98	28.24
	Bansagar		
	(a) Dam	98.83	150.13
	(b) Conveyance	6.00	
	System in UP		
	(c) Conveyance	5.86	-
	System in MP		
162	Chitaurgarh Reservoir	31.56	16.09
163	Gyanpur Pump Canal	79.88	65.42
164	Chambal Lift	50.33	55.42
165	Providing Paddy Channel	5.08	8.50

1	2	3	4
	in Hindon		
	Krishi Doab		
166	Tehri		
	(a) Oam	193.79	-
	(Irrigation Share)		
	(b) Water	-	270.00
	Utilisation		
167	Jarai Pump	3.48	17.21
	Canal		
	TOTAL	3307.46	4137.05
	Uttaranchal		
168	Jamrani Dam	24.19	60.60
	TOTAL	24.19	60.60
	West Bengal		
169	Barrage and	60.44	510.11
	Irrigation		
	System of DVC		
170	Kangsabati	190.71	401.66
171	Teesta Barrage	673.11	533.52
	Subernarekha	14.57	114.20
	TOTAL	938.83	1559.49

**Talks with Bangladesh and Nepal on river water sharing**

2693. SHRI K. RAHMAN KHAN: Will the Minister of WATER RESOURCES be pleased to state:

(a) the details of agreements arrived at by the Joint River Commission in its meeting held in Dhaka regarding sharing of water of common rivers by India and Bangladesh;

(b) whether Government propose to hold bilateral talks with Nepal in resolving problem concerning common rivers; and